

Converting Colors

CIELCh(65, 68.001, 326.096)

Have a look what the booklet for
CIELCh(65, 68.001, 326.096)
contains.

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Color

CIELCh(65, 68.316, 325.888)

Conversions

Conversions Part 1

Format	Color
Hex	DF75E3
RGB	223, 117, 227
RGB Percent	87%, 46%, 89%
CMY	0.1247, 0.5404, 0.1090
CMYK	0.02, 0.48, 0.00, 0.11
HSL	298°, 66%, 68%
HSV	298°, 48%, 89%
XYZ	50.7741, 34.0472, 76.7173
YIQ	161.2340, 27.8660, 56.6820

Conversions

Conversions Part 2

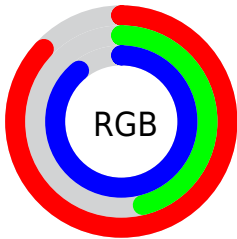
Format	Color
R _{YB}	223, 117, 227
Decimal	14644707
CIE Lab	65.00, 56.56, -38.31
CIE LCh	65, 68.316, 325.888
Yxy	34.0472, 0.3143, 0.2108
Android (android.graphics.Color)	4292834787 (0xFFDF75E3)
YUV	161.2340, 32.4226, 54.1688
Hunter-Lab	58.3500, 53.2121, -37.1083

Details

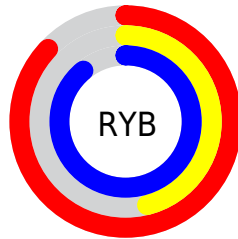
The CIELCh color $65, 68.316, 325.888$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $82, 68.412, 139.772$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 51.883, 326.215$, and $45, 68.443, 325.814$ is the 20% darker color. If you saturate the color by 10%, you get $61, 80.335, 326.270$, and if you desaturate by 10%, it is $70, 55.010, 325.441$.

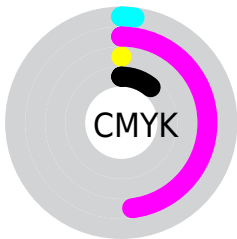
Distribution



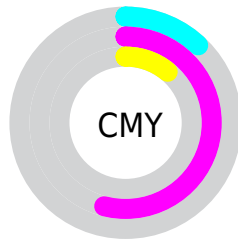
- Red (87%)
- Green (46%)
- Blue (89%)



- Red (87%)
- Yellow (46%)
- Blue (89%)



- Cyan (2%)
- Magenta (48%)
- Yellow (0%)
- Black (11%)



- Cyan (12%)
- Magenta (54%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 68.316, 325.888 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 68.316, 325.888 by changing the saturation by 10% instead.

 65, 68.316,
325.888

 65, 68.316,
325.888

 100, 68.316,
325.888


 55, 68.316,
325.888


 85, 68.316,
325.888

 45, 68.316,
325.888

 95, 68.316,
325.888

 35, 68.316,
325.888

 25, 68.316,
325.888

 15, 68.316,
325.888

 5, 68.316, 325.888

 0, 68.316, 325.888

65, 68.316,
325.888

65, 68.316,
325.888

61, 80.335,
326.270

70, 55.010,
325.441

58, 90.497,
326.565

75, 40.943,
324.948

55, 98.269,
326.756

80, 26.527,
324.428

54, 103.324,
326.830

85, 12.064,
323.890

53, 105.808,
326.795

91, 2.239, 143.513

53, 106.102,
326.786

97, 16.250,
142.897

98, 16.994,
142.129

98, 16.833,
141.327

■ 98, 16.674,
140.508

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 68.316, 325.888



82, 68.412, 139.772

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 68.316, 325.888



65, 68.316, 15.888



65, 68.316, 145.888



65, 68.316, 195.888

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 68.313, 325.888



91, 23.697, 324.252



56, 59.728, 295.355



47, 16.181, 324.365



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 68.313, 325.888



68, 87.602, 326.268



64, 51.314, 345.845



45, 8.213, 323.948



41, 88.583, 326.808



8, 37.161, 327.026

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62, 46.414, 22.233



64, 62.391, 24.603



83, 49.385, 156.096



45, 4.817, 16.997



37, 78.400, 38.486



6, 26.986, 20.264

Previews

White Background



This preview shows how the CIELCh color 65, 68.316, 325.888 looks on a white background.

Color Contrast Check

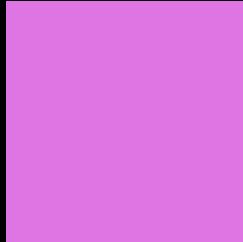
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 68.316, 325.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

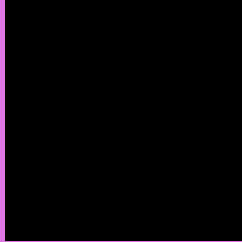
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 68.316, 325.888

Background



This preview shows how black text looks on a background with the CIELCh color 65, 68.316, 325.888.



This preview shows how white text looks on a background with the CIELCh color 65, 68.316, 325.888.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
65, 31.531, 11.888

Trichromacy



Original Color
65, 68.316, 325.888



Protanomaly
64, 58.239, 300.499



Deuteranomaly
64, 46.091, 305.059

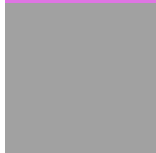


Tritanomaly
65, 41.391, 345.738

Monochromacy



Original Color
65, 68.316, 325.888



Achromatopsia
66, 0.008, 296.813



Achromatomaly
65, 26.455, 324.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 68.316, 325.888 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 117, 227)` looks like.

```
.text, #text, p{  
    color:rgb(223, 117, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 117, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 117, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 68.316, 325.888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 117, 227) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 117, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(223, 117, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 117, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 117, 227);  
box-shadow:4px 4px 4px 4px rgb(223, 117,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 68.316, 325.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 117, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
117, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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